

FIG. 1

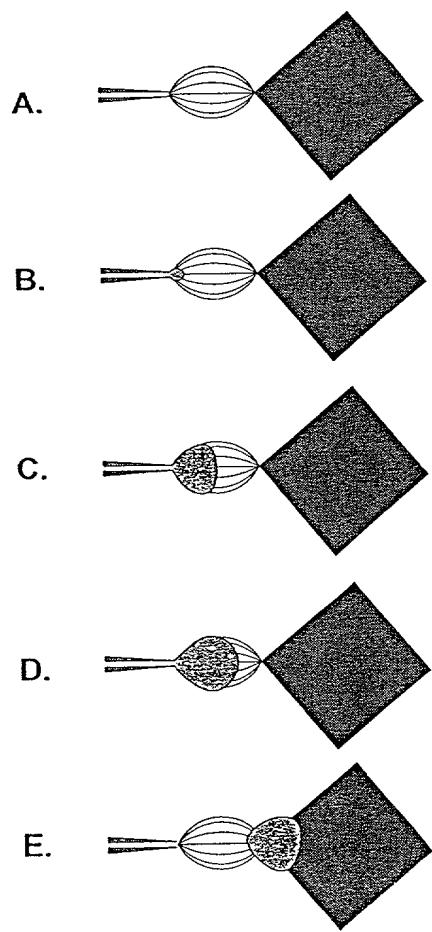


FIG. 2

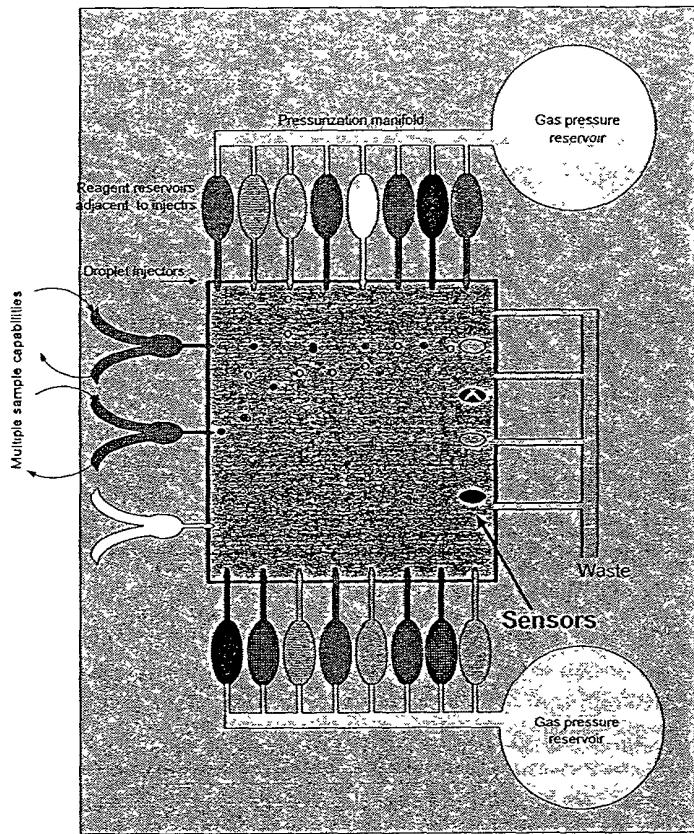


FIG. 3

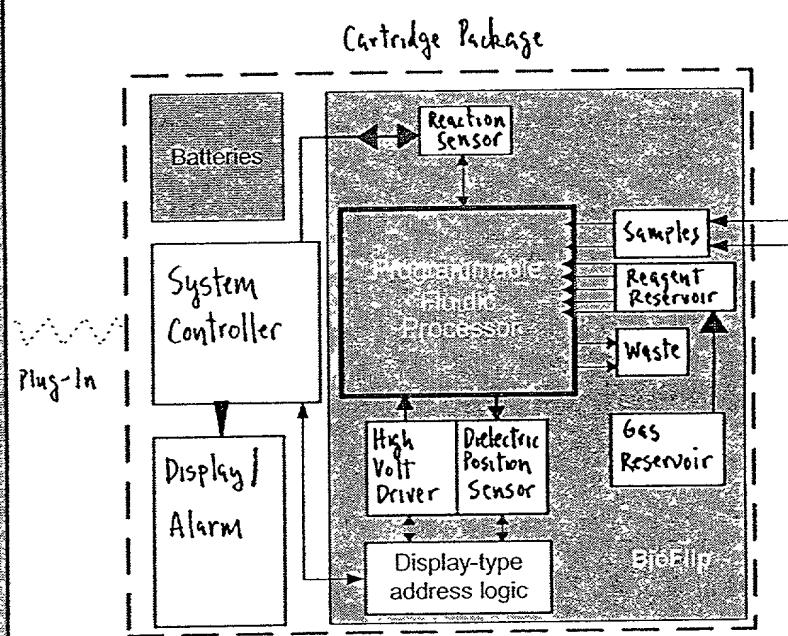
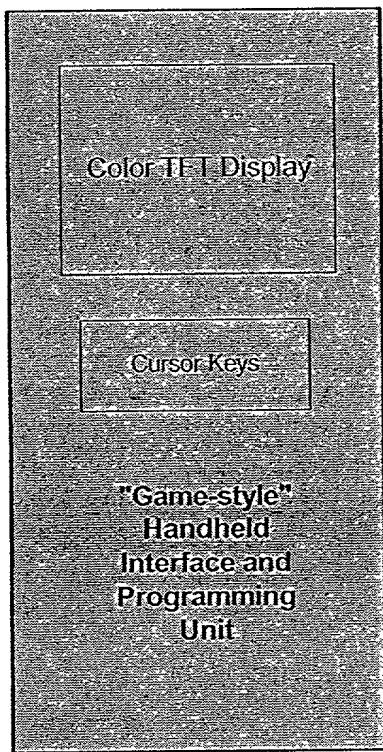


FIG. 4

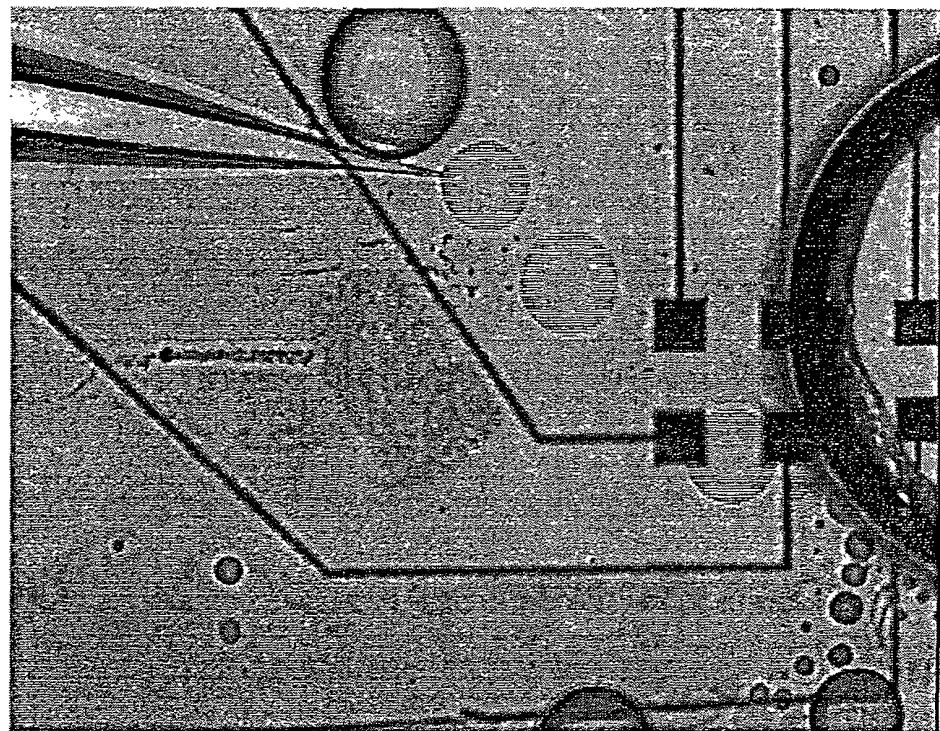


FIG. 5

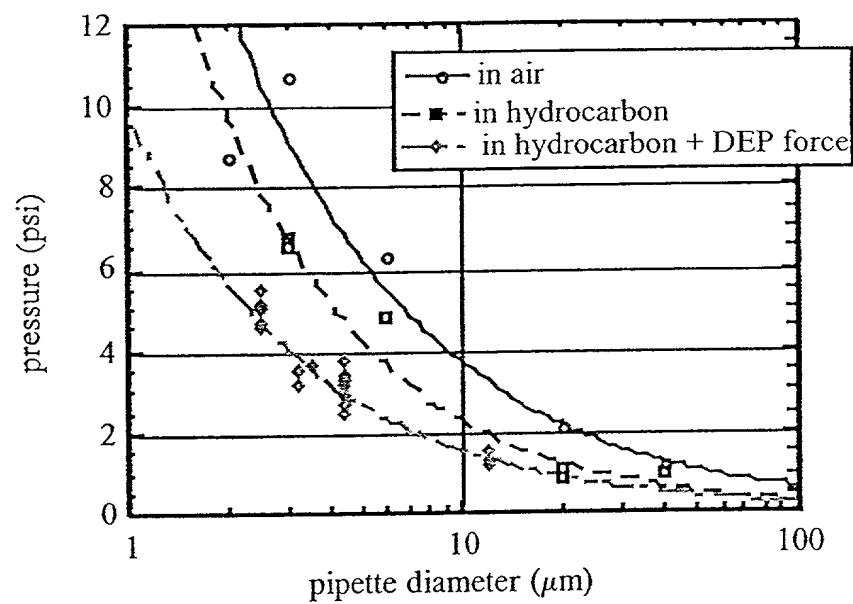
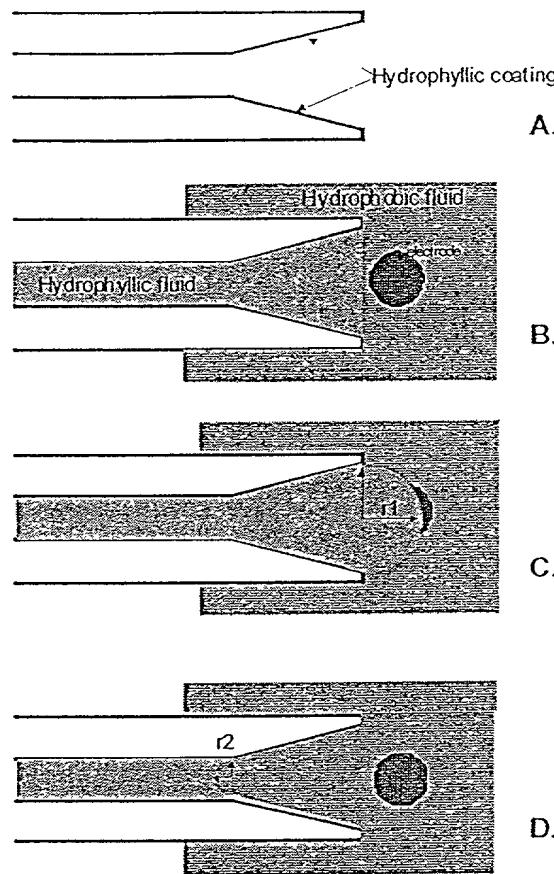


FIG. 6



**FIG. 7**

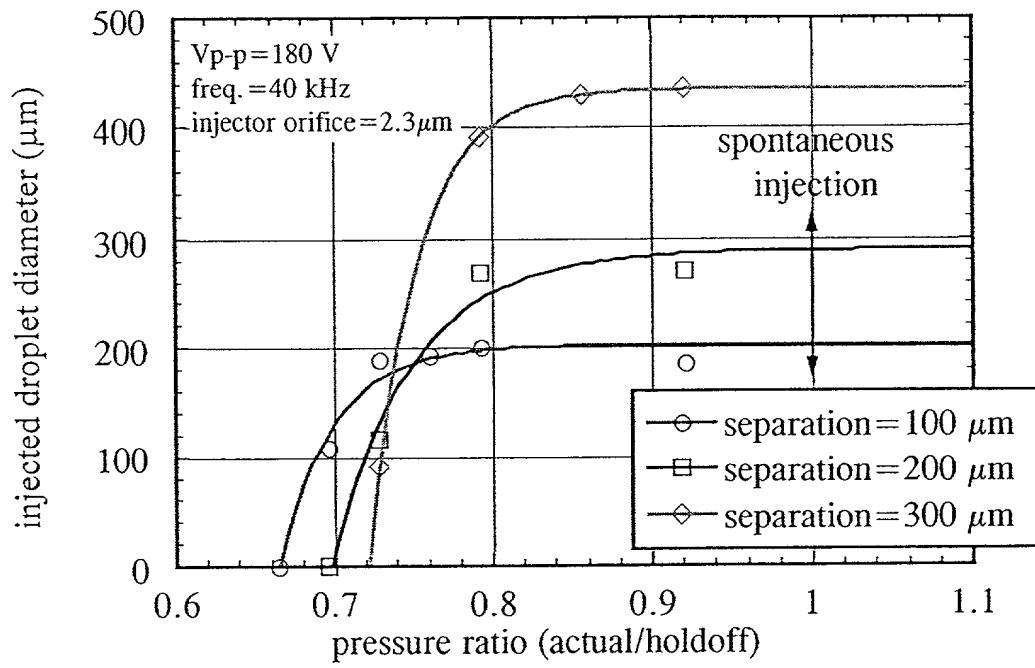


FIG. 8

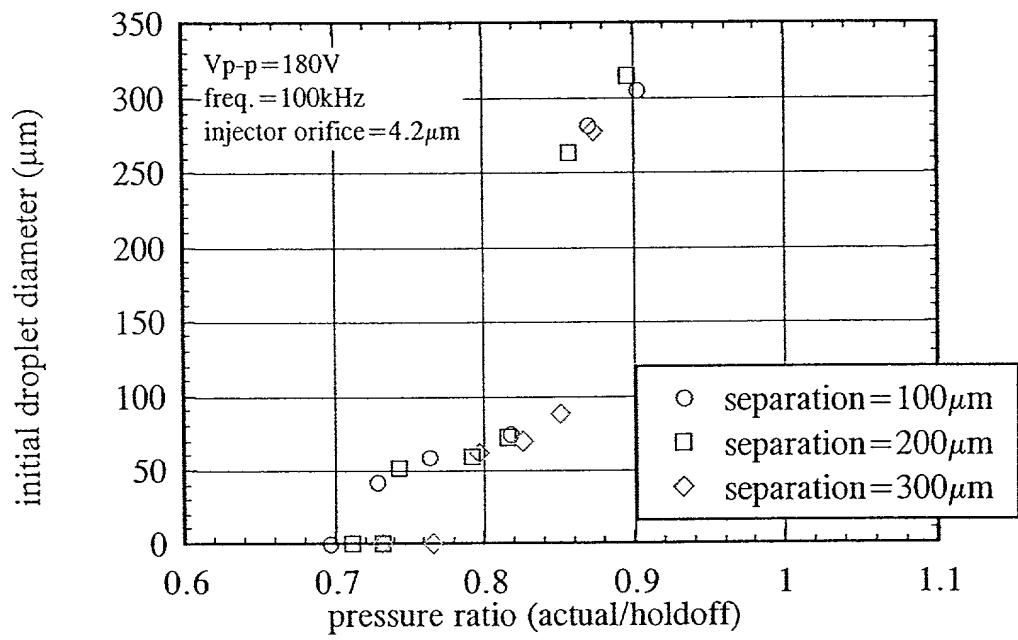


FIG. 9

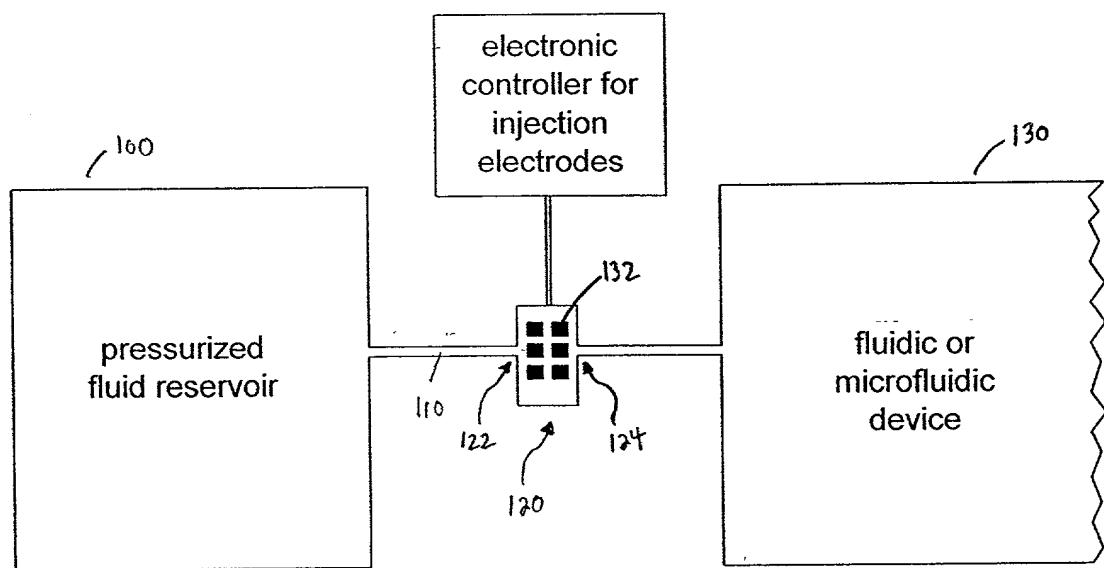


FIG. 10

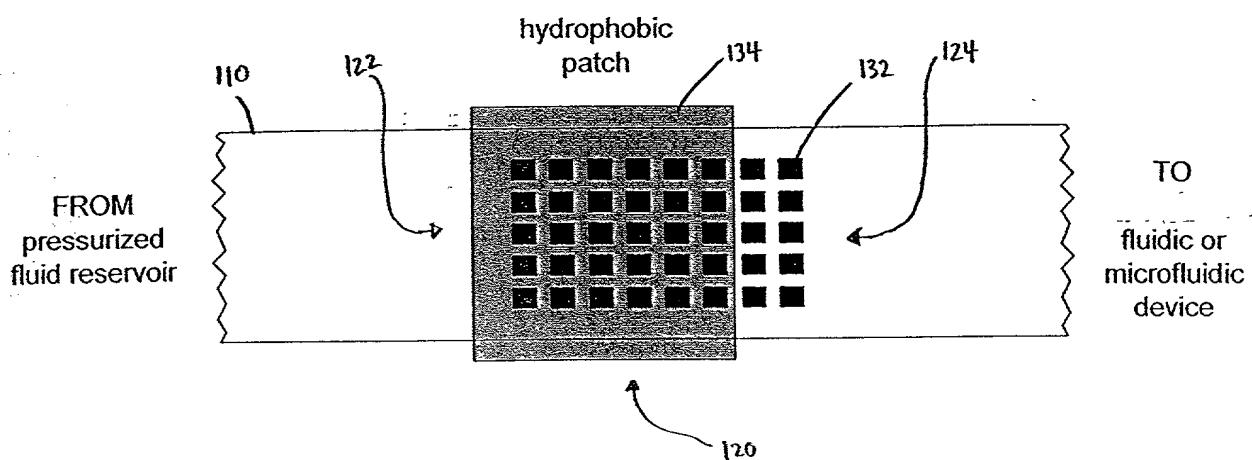


FIG. 11

Pressure to eject  $3xH_2O$  droplets from injectors  
of various diameters in air and in bromododecane

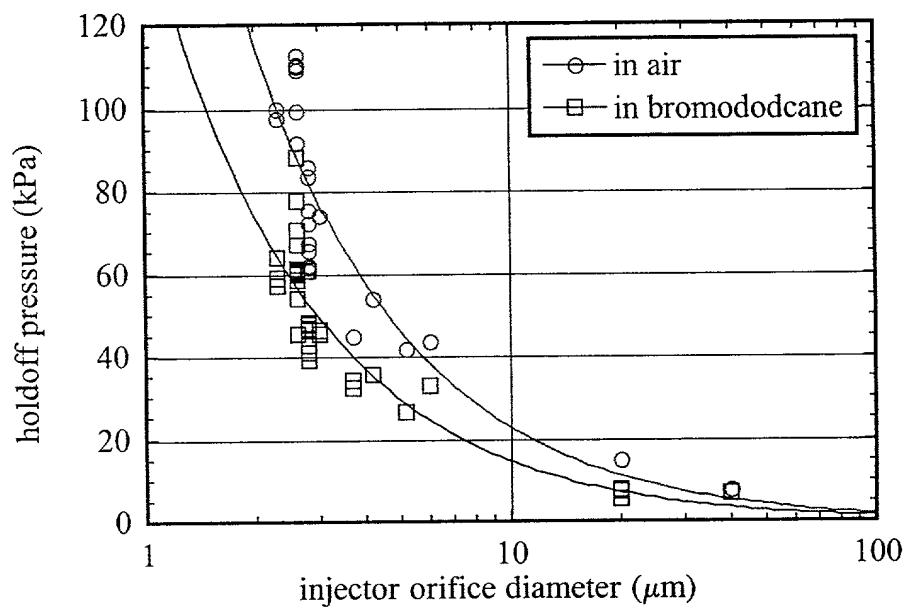


FIG. 12

Injection threshold for 30  $\mu\text{m}$  and 100  $\mu\text{m}$  square electrodes ( $Z=1.5$  electrode widths)

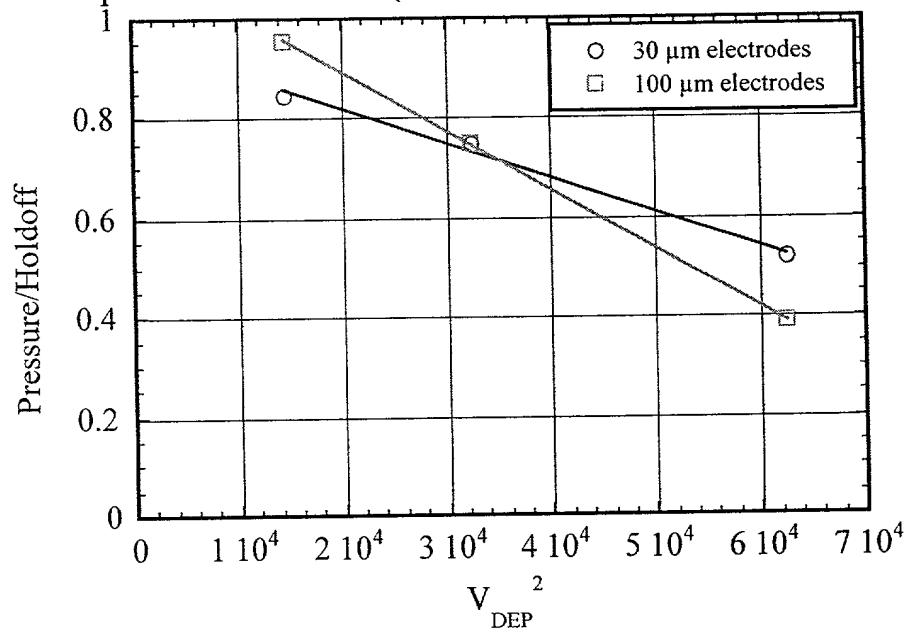


FIG. 13

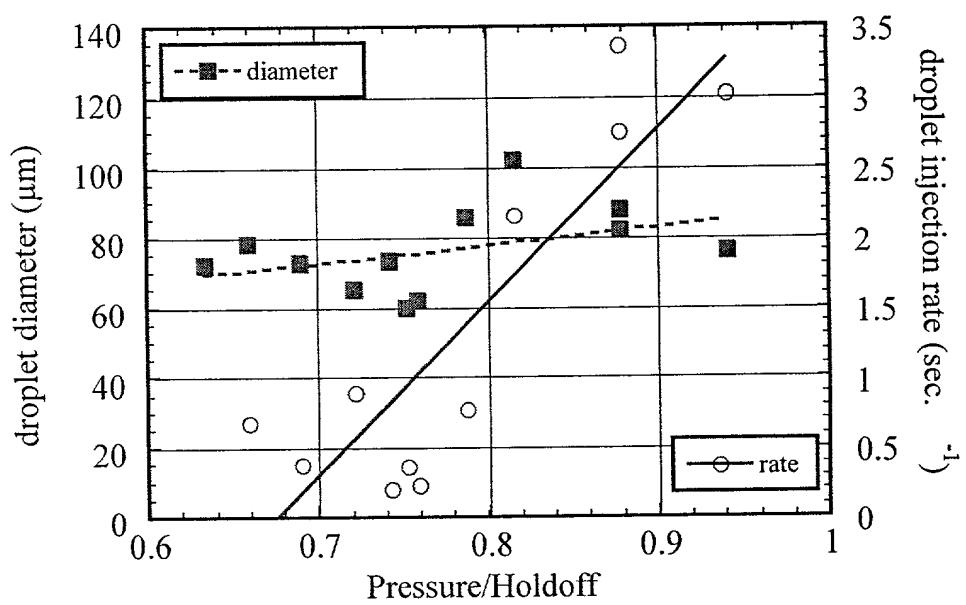


FIG. 14

### Injected droplet diameter vs normalised injector-electrode distance

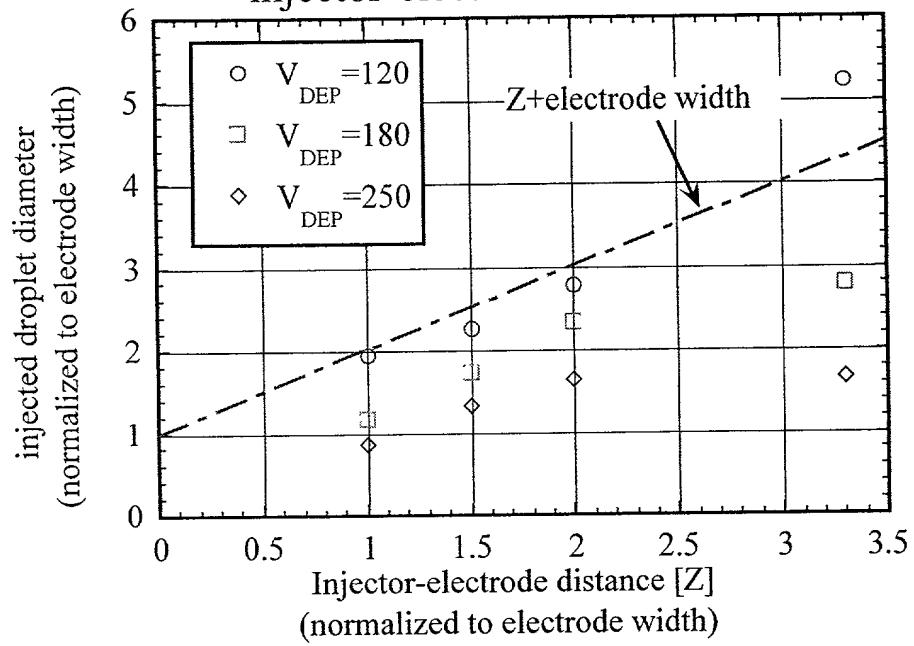


FIG. 15

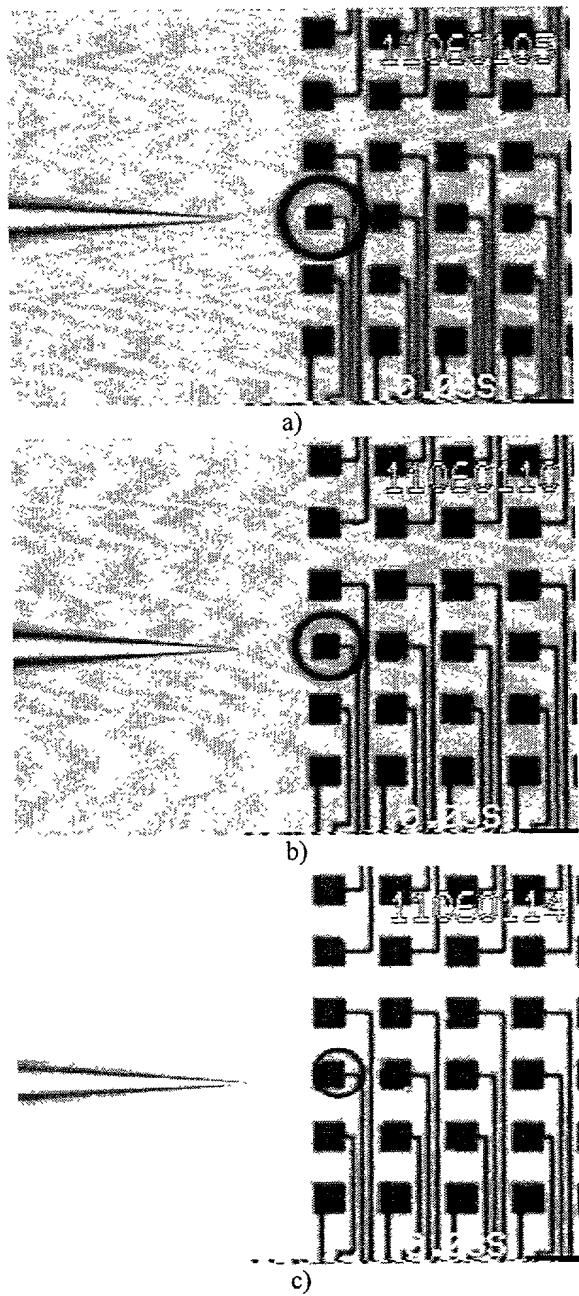


FIG. 16

Pressure to eject  $3xH_2O$  droplets from injectors  
of various diameters in air, in bromododecane,  
and in bromododecane with an applied DEP force

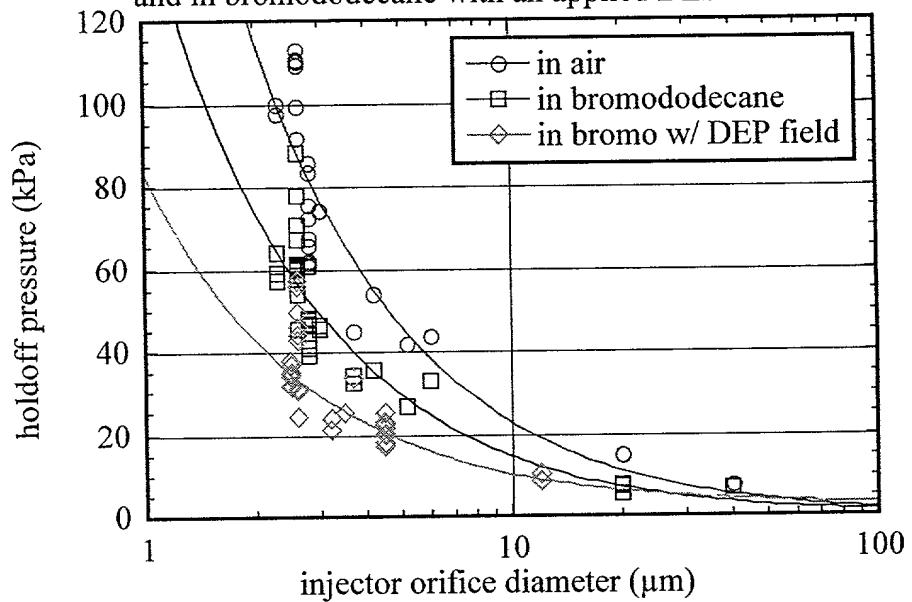


FIG. 17

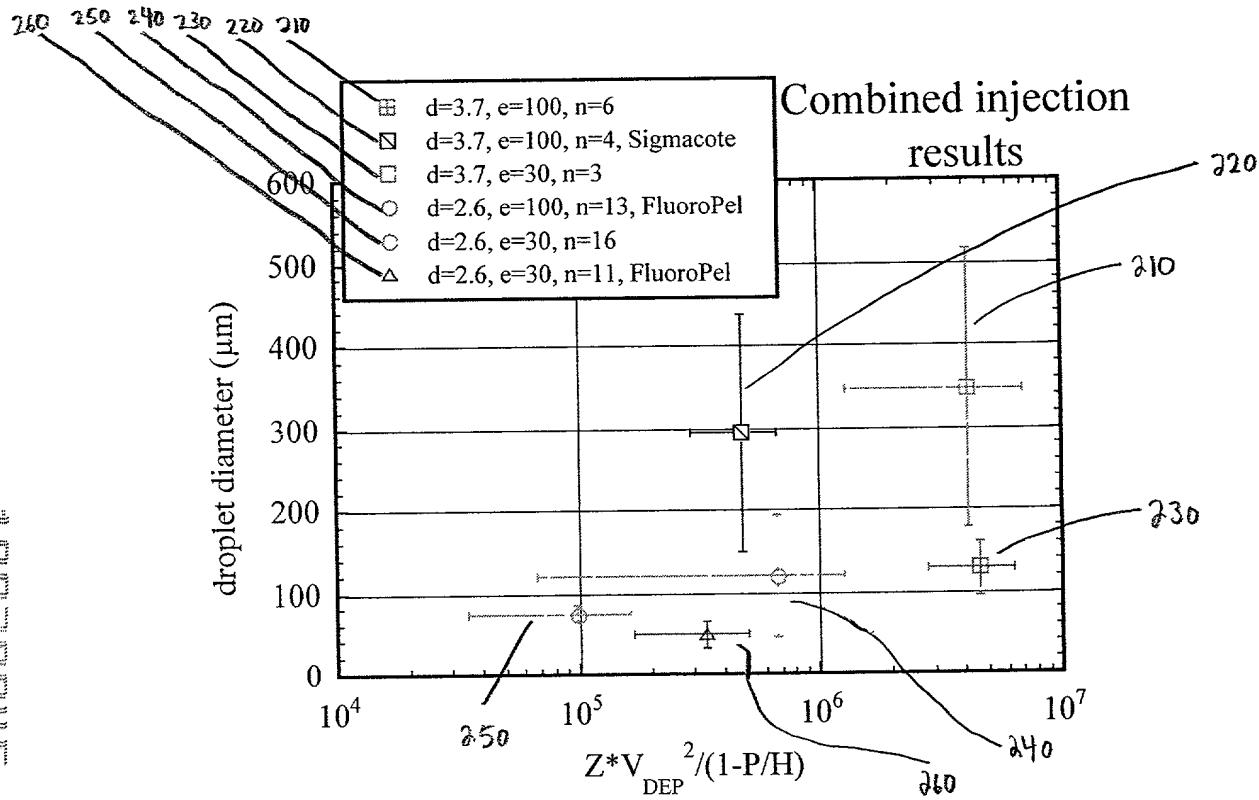


FIG. 18

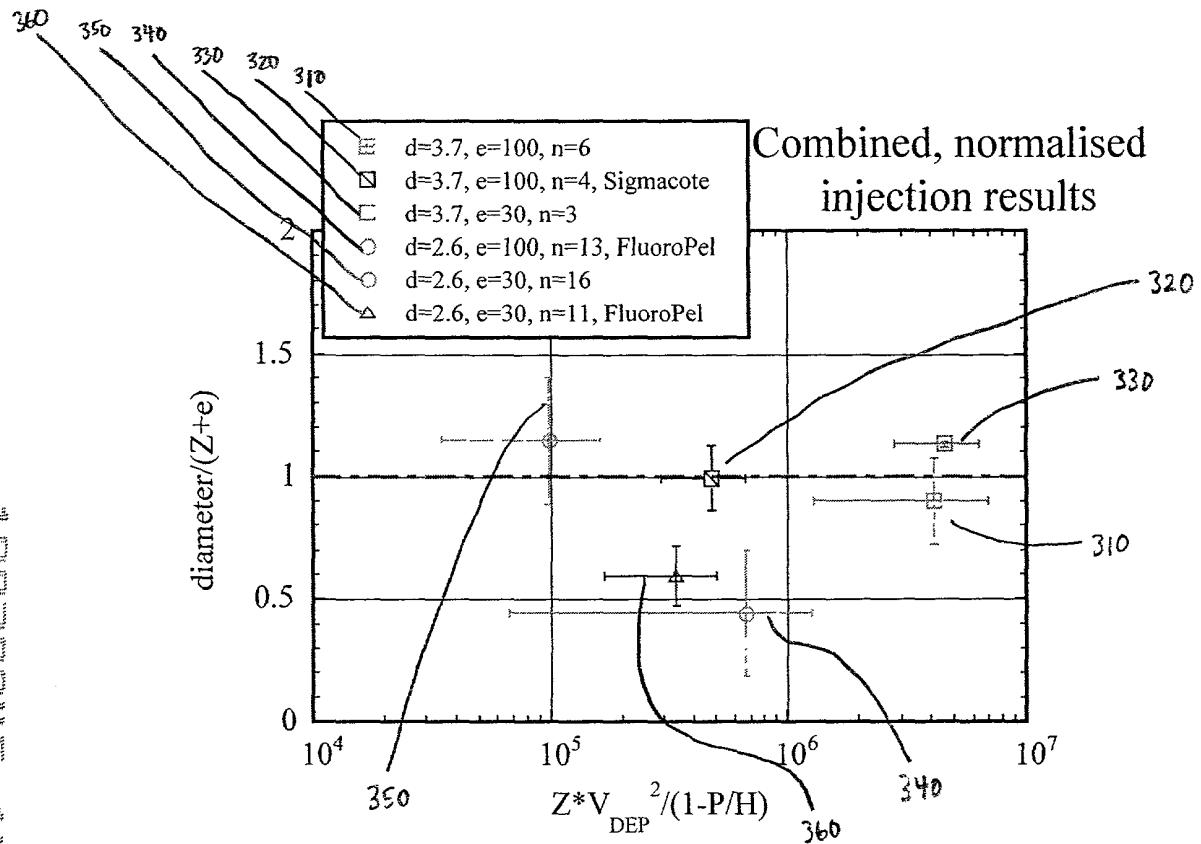


FIG. 19